

Amendments to the Abstract

Please replace the abstract with the following amended abstract:

~~MULTI-MOK MODULATION/DEMODULATION TRANSMISSION PROCESS,
CORRESPONDING TRANSMITTER AND RECEIVER~~

A method and an apparatus for transmitting data using multi-MOK modulation/demodulation transmission process corresponding to transmitter and receiver are disclosed. At transmission, the data to be transmitted is divided into N data blocks[[,]]. ~~there~~ The N blocks are processed in parallel in N M-ary orthogonal keying (MOK) modulation channels, each modulation using a group of spread codes, each channel emitting a signal, all these signals (S) are transmitted in series. At reception, the signal received (R) is processed in N MOK demodulation channels and the blocks obtained are grouped together in series.

~~Applied to digital communications.~~

~~Fig. 1 and 2.~~

ABSTRACT OF THE DISCLOSURE

A method and an apparatus for transmitting data using multi-MOK modulation/demodulation transmission process corresponding to transmitter and receiver are disclosed. At transmission, the data to be transmitted is divided into N data blocks. The N blocks are processed in parallel in N M -ary orthogonal keying (MOK) modulation channels, each modulation using a group of spread codes, each channel emitting a signal, all these signals (S) are transmitted in series. At reception, the signal received (R) is processed in N MOK demodulation channels and the blocks obtained are grouped together in series.